ColdBox Framework

DEFAULT CACHE SETTINGS

- Default Timeout = 45
- Last Access Timeout = 20
- Reap Frequency = 3 min
- Max Objects = 100
- JVM Threshold = 10% Free
- Eviction Policy = LFU
- useLastAccess = True

FRAMEWORK DEFAULTS

- LogFileEncoding = ISO-8859-1
- LogFileMaxSize = 5000kb
- LogsMaxArchives = 5
- DefaultFileCharSet = ISO-8859-1
- DefaultLogDirectory = logs
- Default Event Name = event
- MessageboxStorage = session

CORE PLUGINS

- applicationstorage
- beanFactory
- cfcViewer
- clientstorage
- cookiestorage
- i18n
- ioc
- JavaLoader
- logger
- messagebox
- MTlogger
- queryHelper
- renderer
- resourceBundle
- sessionstorage
- StringBuffer
- timer
- Utilities
- webservices
- XMLParser
- zip

PLUGINS-INTERCEPTORS-HANDLER METHODS

- **getHash**()
- **getDatasource**(alias)
- **getfwLocale**()
- **getMailSettings**()
- **getResource**(resource)
- **getSettingsBean**()
- **announceInterception**(state,interceptData)
- **renderView**([*view*])
- **renderExternalView**(view)
- **purgeView**(view)
- **getMyPlugin**(plugin,[*newinstance*])
- **getPlugin**(plugin,[*customPlugin*],[*newInstance*])
- **getColdBoxOCM**()
- **getSettingStructure**([*fwSetting*],[*DeepCopyFlag*])
- **getSetting**(name, [*fwSetting*])
- **settingExists**(name, [*fwSetting*])
- **setSetting**(name,value)
- **setNextEvent**(event,[*queryString*],[*addToken*],[*persist*])
- **setNextRoute**(route,[*persist*])
- **runEvent**(event)
- **getDebugMode**()
- **setDebugMode**(mode)
- **getController**()
- **peristVariables**(persist)
- **includeUDF**(udfLibrary)
- **Relocate**(url,[*addToken*])
- **Throw**(message,[*detail*],[*type*])
- **Dump**(var), **Abort**()
- **Include**(template)

INTERCEPTOR METHODS

- **Configure**()
- **getProperties**(properties)
- **setProperties**()
- **getProperty**(name)
- **setProperty**(name, value)
- **propertyExists**(name)

INTERCEPTION POINTS

- **afterConfigurationLoad, afterAspectsLoad**
- **sessionStart, SessionEnd**
- **preProcess, postProcess**
- **preEvent, postEvent**
- **preRender, postRender**
- **afterCacheElementInsert**
- **afterCacheElementRemoved**

CONTROLLER COMMON METHODS

- **getAppRootPath**()
- **getColdboxOCM**()
- **getRequestService**()
- **getConfigSettings**()
- **getColdboxSettings**()
- **getAppHash**()
- **getAppStartHandlerFired**()
- **getSettingStructure**([*fwSetting*],[*DeepCopyFlag*])
- **getSetting**(name, [*fwSetting*])
- **settingExists**(name, [*fwSetting*])
- **setSetting**(name,value)
- **setNextEvent**(event,[*queryString*],[*addToken*],[*persist*])
- **setNextRoute**(route,[*persist*])
- **runEvent**(event)
- **persistVariables**(persist)
- **Throw**(), getUtil()

COLDBOX CACHE COMMON METHODS

✦**All timeouts are in minutes**

- **Lookup**(objectKey)
- **Get**(objectKey)
- **Set**(objectKey,MyObject,[*Timeout*],[*LastAccessTimeout*])
- **clearKey**(objectKey)
- **clearEvent**(eventSnippet,[*queryString*],[*async*])
- **clearAllEvents**([*async*])
- **clearAllView**([*async*])
- **getSize**()
- **Getpool_metadata**()
- **getItemTypes**()
- **Reap**()
- **LFUEviction**()
- **LRUEviction**()
- **expireAll**()
- **expireKey**(objectKey)
- **getCacheStats**()

CUSTOM PLUGIN METHODS

- **Init**()
- **getPluginPath**

CUSTOM PLUGIN PROPERTIES (ALL HAVE GET/SET)

- **pluginName**
- **pluginDescription**
- **pluginVersion**

CORE INTERCEPTORS

- **environmentControl**
- **executionTracer**
- **ses**

APPLICATION STRUCTURE

- ➡ **config**
- ➡ **handlers**
- ➡ **interceptors**
- ➡ **layouts**
- ➡ **logs**
- ➡ **model**
- ➡ **plugins**
- ➡ **views**
- ✦ Application.cfc
- ✦ Index.cfm
- ✦ coldboxproxy.cfc

URL ACTIONS (INDEX.CFM?)

- fwreinit=1
- fwreinit={reinitPassword}
- debugmode=true
- debugpass={DebugPass}
- fwcache=anything
- dumpvar=varlist
- debugpanel={panel}

DEFAULT SES ROUTES

- :handler/:action/:id
- :handler/:action
- :handler

IMPLICIT EVENTS

- preHandler
- postHandler

RESERVED PROPERTIES

- controller = ColdBox
- instance = structure
- instance.__hash

REQUEST CONTEXT COMMON METHODS (RECEIVED AS EVENT)

- **getCollection**()
- **collectionAppend**(collection,[*overwrite*])
- **Throw**(message,[*detail*],[*type*])
- **getValue**(name,[*default*])
- **setValue**(name, value)
- **removeValue**(name)
- **valueExists**(name)
- **paramValue**(name, value)
- **setView**(view,[*noLayout*],[*cache*],[*cacheTimeout*], [*LastAccessTimeout*])

- **getCurrentView**()
- **getCurrentLayout**()
- **setLayout**()
- **getCurrentEvent**()
- **getCurrentHandler**()
- **getCurrentAction**()
- **overrideEvent**(event)
- **showDebugPanel**(boolean)
- **getDebugPanelFlag**()
- **isProxyRequest**()

- **NoRender**([*remove*])
- **getEventName**()
- **getSelf**()
- **getDefaultLayout**()
- **getDefaultView**()
- **getViewLayouts**()
- **getFolderLayouts**()
- **getSize**()

Version 2.5.0

ColdBox Framework

CACHE CONFIG ELEMENTS

‣ **ObjectDefaultTimeout** = Minutes
‣ **ObjectDefaultLastAccessTimeout** = Minutes
‣ **UseLastAccessTimeouts** = Boolean
‣ **MaxObject** = Integer (0 = Unlimited)
‣ **ReapFrequency** = Minutes
‣ **FreeMemoryPercentageThreshold** = Integer Percentage (0 = Unlimited)
‣ **EvictionPolicy** = LFU or LRU

CONFIG SETTINGS

‣ AppMapping
‣ **Appname**
‣ ApplicationStartHandler
‣ CustomErrorTemplate
‣ CustomEmailBugReport
‣ ColdboxLogsLocation
‣ ConfigAutoReload
‣ DebugMode
‣ DebugPassword
‣ **DefaultEvent**
‣ EventName
‣ ExceptionHandler
‣ EnableBugReports
‣ EnableColdfusionLogging
‣ EnableDumpVar
‣ EnableColdboxLogging
‣ EventCaching
‣ HandlersIndexAutoReload
‣ HandlersExternalLocation
‣ HandlerCaching
‣ IOCFramework
‣ IOCDefinitionFile
‣ IOCObjectCaching
‣ MessageboxStyleOverride
‣ MyPluginsLocation
‣ onInvalidEvent
‣ **OwnerEmail**
‣ ProxyReturnCollection
‣ RequestStartHandler
‣ RequestEndHandler
‣ RequestContextDecorator
‣ ReinitPassword
‣ SessionStartHandler
‣ SessionEndHandler
‣ UDFLibraryFile

✶ **BOLD = Required**

CONFIG ELEMENTS

‣ YourSettings
  ‣ Setting @name @value
‣ MailServerSettings
‣ BugTracerReports>BugEmail
‣ DevEnvironments>url
‣ WebServices>WebService
  ‣ @name, @URL, @devURL
‣ Layouts
  ‣ DefaultLayout
  ‣ DefaultView
  ‣ Layout @name @file
    ‣ View
    ‣ Folder
‣ I18n
  ‣ DefaultResourceBundle
  ‣ DefaultLocale
  ‣ LocaleStorage
‣ Datasource>Datasource
  ‣ @alias,@name,@dbtype,
  @username, @password
‣ Interceptors
  ‣ CustomInterceptionPoints
  ‣ Interceptor @class
    ‣ Property @name

IOC FRAMEWORKS

‣ Coldspring
‣ LightWire

APPLICATION,SESSION,CLIENT STORAGE PLUGINS

‣ **setVar**(name, value)
‣ **getVar**(name, [*default*])
‣ **deleteVar**(name)
‣ **exists**(name)

COOKIESTORAGE PLUGIN

‣ **setVar**(name, value, [*expires=1*])
‣ **Plus all the above methods**

BEANFACTORY PLUGIN

‣ **Create**(bean, [*callInitFlag=false*])
‣ **populateBean**(FormBean)

WEBSERVICES PLUGIN

‣ getWS(name)
‣ getWSObj(name)
‣ refreshWS(webservice)

IOC PLUGIN

‣ **configure**()
‣ **reloadDefinitionFile**()
‣ **getBean**(beanName)
‣ **getIOCFactory**()
‣ **getIOCFramework**()
‣ **getIOCDefinitionFile**()
‣ **getExpandedIOCDefinitionFile**()

JAVALOADER PLUGIN

‣ **setup**(loadPaths,[*loadColdfusionClassPath=false*], [*parentClassLoader=*])
‣ **create**(className)
‣ **getURLClassLoader**()
‣ **getVersion**()

MESSAGEBOX PLUGIN

‣ **getStorageScope()**
‣ **setMessage**(type,message)
‣ **getMessage()**
‣ **clearMessage()**
‣ **isEmpty()**
‣ **renderIt()**

LOGGER & MTLOGGER PLUGIN

‣ **Tracer**(message, [*extraInfo*])
‣ **logErrorWithBean**(exceptionBean)
‣ **logError**(Message,[*ExceptionStruct*],[*ExtraInfo*])
‣ **logEntry**(Severity,Message,[*ExtraInfo*])
‣ **initLogLocation**([*firstRunFlag*])
‣ **removeLogFile**()
‣ **setLogFileName**(filename), **getLogFileName**()
‣ **setLogFullPath**(logFullpath), **getLogFullPath**()
‣ **getValidSeverities**()

QUERYHELPER PLUGIN

‣ **filterQuery**(qry,field,value,cfsqltype)
‣ **sortQuery**(qry,sortBy,sortOrder)
‣ **getColumnArray**(qry,columnName)
‣ **getCountDistinct**(qry,columnName)
‣ **getRowNumber**(qry,columnValue,ColumnName)
‣ **doInnerJoin**(qryLeft,qryRight,LeftJoinColumn, RightJoinColumn,OrderByElement)
‣ **doQueryAppend**(qryFrom,qryTo)

RENDERER PLUGIN

‣ **purgeView**(view)
‣ **renderView**([*view*])
‣ **renderExternalView**(view)
‣ **renderLayout**()

TIMER PLUGIN

‣ **Start**(label)
‣ **Stop**(label)
‣ **logTime**(label, tickcount)
‣ **getTimerScope**()

STRINGBUFFER PLUGIN

‣ **subString**(startPos,endPos)
‣ **Delete**(startPos,endPost)
‣ **insertStr**(offset,inStr)
‣ **replaceStr**(startPos,endPos, inStr)
‣ **indexOf**(inStr,fromPos)
‣ **lasIndexOf**(inStr,fromPos)
‣ **setLength**(newLength)

‣ **Setup**(strIn,BufferLen)
‣ **reverseStr**()
‣ **Append**(strIn)
‣ **Length**()
‣ **Capacity**()
‣ **getString**()
‣ **getStringBuffer**()

CFC VIEWER

‣ **Setup**(dirpath,cfcpath,[*accessTypeFilter*])
‣ **getCFCMetadata**(cfcName)

‣ **getCFCs**()
‣ **getPKGs**()
‣ **Render**()

UTILITIES PLUGIN

‣ **isCFUUID**(inStr)
‣ **isEmail**(str)
‣ **isURL**(str)
‣ **Sleeper**(milliseconds)
‣ **createArray**(str)
‣ **createStruct**(str)
‣ **getOSFileSeparator**()
‣ **getOSPathSeparator**()
‣ **getOSName**()
‣ **getInetHost**()
‣ **checkCharSet**(charset)

‣ **getIPAddress**()
‣ **getJavaRuntime**()
‣ **getJavaVersion**()
‣ **getJVMFreeMemory**()
‣ **getJVMTotalMemory**()
‣ **FileLastModified**(filename)
‣ **ripExtension**(filename)
‣ **createFile**(filename)
‣ **FileCanWrite**(filename)
‣ **FileCanRead**(filename)
‣ **isFile**(filename)

‣ **appendFile**(file,contents,[*charset*],[*checkCharSet*])
‣ **FileSize**(filename,sizeFormat)
‣ **readFile**(file,[*binary*],[*charset*],[*checkCharSet*])
‣ **saveFile**(file,contents,[*charset*],[*checkCharSet*])
‣ **removeFile**(filename)
‣ **isDirectory**(filename)
‣ **getAbsolutePath**(path)

Version 2.5.0